

15541 U.S. PTO
06/23/03

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	35022.001C1
First Inventor	Joseph H. Steinmetz et al.
INTEGRATED CIRCUIT IMPLEMENTATION OF A STEADY-STATE CONTROL FOR USE IN HIGH-AVAILABILITY MASS	
Title: STORAGE DEVICE SHELVES THAT MAY BE INCORPORATED WITHIN BUS ATTACH	
Express Mail Label No.	EU782551681

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. ☐ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 85]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 56]
5. Oath or Declaration [Total Pages]
 - a. ☐ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
 - i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☒ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement of Power of Attorney (when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 [Copies of IDS Citations]
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other: 152 Statement

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP) of prior application No.: 10 / 341,835

Prior application information: Examiner: Group Art Unit:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	34395 (Insert Customer No. or Attach bar code label here)	or	<input type="checkbox"/> Correspondence address below
Name	Olympic Patent Works PLLC		
Address	P.O. Box 4277		
City	Seattle	State	WA
Country	USA	Zip Code	98104
Telephone	206.621.1933	Fax	206.621.5302

Name (Print/Type)	Robert W. Bergstrom	Registration No. (Attorney/Agent)	39,906
Signature	<i>Robert W. Bergstrom</i>	Date	06/23/2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

PATENT

I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as Express Mail in an envelope addressed to the Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

June 23, 2003

Date

Joanne Bourguignon

Joanne Bourguignon

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Joseph H. Steinmetz; Murthy Kompella; Matthew P. Wakeley; and
Jeffrey D. Scotten
For : Integrated-Circuit Implementation of a Storage-Shelf Router for
use in High-Availability Mass-Storage-Device Shelves that may
be Incorporated within Disk Arrays
Docket No. : 35020.001C1
Date : June 23, 2003

MAIL STOP PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

STATEMENT UNDER 37 CFR 1.52(e)(ii)

Sir:

Pursuant to 37 CFR § 1.52(4), Applicants' representative states that the two enclosed compact disks are identical.

The information on each compact disk is as follows:

Disk 1 of 2

Machine Format: Dell PC

Operating System: MS Windows

List of Files:

RTL Routing-Layer Specification

<u>File Name</u>	<u>File Size</u>	<u>Date/Time Created</u>
rl	45 KB	01/03/2003 11:25 AM
rl_router	145 KB	12/04/2002 10:48 AM
rl_rt	20 KB	01/03/2003 11:25 AM

rl_rt_ert	86 KB	10/08/2002 6:21 PM
rl_rt_irt	168 KB	12/03/2002 6:31 PM
rl_rt_itt	12 KB	01/03/2003 11:26 AM
rl_rt_lpt	16 KB	12/03/2002 6:31 PM

C-Language Model

<u>File Name</u>	<u>File Size</u>	<u>Date/Time Created</u>
sim 1216.c	55 KB	09/05/2002 1:43 AM

Reference Manual

<u>File Name</u>	<u>File Size</u>	<u>Date/Time Created</u>
Chaps 1_5	1,881 KB	01/13/2003 11:36 AM

Disk 2 of 2

Machine Format: Dell PC

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rl_rt_irt	168 KB	12/03/2002 6:31 PM
rl_rt_itt	12 KB	01/03/2003 11:26 AM
rl_rt_lpt	16 KB	12/03/2002 6:31 PM

C-Language Model

<u>File Name</u>	<u>File Size</u>	<u>Date/Time Created</u>
sim 1216.c	55 KB	09/05/2002 1:43 AM

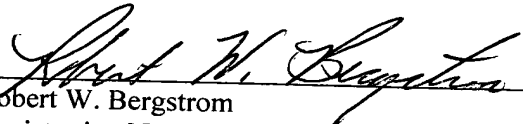
Reference Manual

<u>File Name</u>	<u>File Size</u>	<u>Date/Time Created</u>
Chaps 1_5	1,881 KB	01/13/2003 11:36 AM

Respectfully submitted,

Joseph H. Steinmetz et al.

OLYMPIC PATENT WORKS PLLC


Robert W. Bergstrom
Registration No. 39,906

Enclosures:

Compact Disks (2)

Olympic Patent Works ^{PLLC}
P.O. Box 4277
Seattle, WA 98104
206.621.1933 telephone
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Joseph H. Steinmetz; Murthy Kompella; Matthew P. Wakeley;
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Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

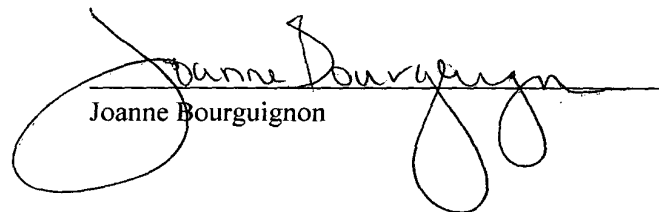
CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Sir:

I hereby certify that the enclosures listed below are being deposited with the United States Postal Service "EXPRESS MAIL Post Office to Addressee" service under 37 C.F.R. § 1.10, Mailing Label Certificate No. EU782551681, on June 23, 2003, addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Respectfully submitted,

OLYMPIC PATENT WORKS PLLC


Joanne Bourguignon

Enclosures:

Postcard
Form PTO/SB/05
Specification, Claims, Abstract (85 pages)
Fifty-six Sheets of Drawings (Figures 1-35)
1.52 Statement
CD's (2)